

**Cummins Surveillance Panel Teleconference
December 18, 2019 10:00 – 11:00 EDT**

Attendance:

Sean Moyer - TMC
Jim Matasic - LZ
Bob Campbell - Afton
Jose Starling, Bob Warden - SwRI
Andrew Smith - Intertek
Mark Cooper, Marnix Torreman - Chevron Oronite
Dan Lanctot - TEI
Phil Shelton - Cummins
Jim Gutzwiller, Elisa Santos, David Brass - Infineum
Pat Holmes - Volvo/Mack
Stave Jetter, Cliff Salvesen - Exxon Mobil
Prasad Tumati - Haltermann Solutions

Agenda:

1. New ISM Crosshead Batch Discussion
2. ISM Reference Planning
3. Cummins Alternate Fuel Supplier Taskforce
4. "Walk-ins" as needed

Meeting Minutes:

- 1. New ISM Crosshead Batch Discussion** - Dan Lanctot reviewed status of the new crosshead batch. TEI received an initial batch of 2150 new crossheads. Inspections revealed nicks and scratches on pad surface and TEI rejected ~75%. Another batch of 2150 was sent by Cummins. The 2nd batch had the same issue as the first. TEI spoke to Phil Shelton and Phil contacted the supplier and they stated that all crossheads are from same large batch which is essentially just sitting on a shelf and that it's possible to get enough good parts by going through the entire batch. Dan anticipates 90 sets of crossheads possible from the first two batches with the current reject rate. Dan brought up that the current pushrod batch has 110 kits. The desire is to get enough crossheads to match up with the pushrod batch so that a future batch of pushrods and crossheads could be brought in together.
- 2. ISM Reference Planning** - Coordinated references to be run on the new crosshead batch at all 4 labs. Targeting the references to be run mid to late January. Short meeting/email discussion to be had in mid-January to update progress/status of test starts.
- 3. Cummins Alternate Fuel Supplier Taskforce** - Andrew asked for volunteers to lead the alternate fuel supplier task force. Hearing no volunteers Andrew volunteered to lead and will set up future meetings. Andrew asked that anyone that wishes to be involved in the task force send him a message outside of the meeting to be added to the group.

4. **“Walk-ins” as needed** – None

5. **ISB Hardware Update** – ISB hardware batches are going to be used up again. Dan and Phil are working to coordinate large matching batches in order to avoid having to run multiple coordinated references for different batches.

Meeting adjourned at 10:39 EDT.